

Work Order ID 145243***145243***

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Monday, May 09, 2016 10:44:59 AM

Item ID: D3802-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Windows Seal (\$ Per Foot)
Start Date: 5/6/2016 Start Qty: 50.00 ***50*** Cust Item ID:
Required Date: 5/20/2016 Req'd Qty: 50.00 ***50*** Customer:

Reference: DAS
Approvals: Process Plan: 13 9-89 Date: MAY 09 2016 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3802	D

100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>32309</u>								
	Purchase Part Number: 93695K58								
	Supplier: Mc MASTER-CARR								
	Certificate of conformity is required								

110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	1.00							
Packaging	Ensure material certification is attached								

120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control	Ensure Material certification comply to Dwg D3802								

MAY 11 2016

Work Order ID 145243

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145243

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Item ID: D3802-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Windows Seal (\$ Per Foot)

Start Date: 5/6/2016 Start Qty: 50.00

50

Cust Item ID:

Required Date: 5/20/2016 Req'd Qty: 50.00

50

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>SL416</u>	0.00				<u>SO</u>	<u>DAG</u>		
130							<u>2-89</u>		
Packaging	Memo	0.50							
Packaging									MAY 12 2016
140	QC21- Final Inspection - Work Order Release	0.00							
140									MAY 13 2016
QC	Memo	5.00				<u>MCS</u>			
Quality Control									

MAY 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concéntric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : ☐			

Picklist Print

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Work Order ID: 145243

145243

Parent Item: D3802-1

D3802-1

Parent Item Name: Windows Seal (\$ Per Foot)

Start Date: 5/6/2016

Required Date: 5/20/2016

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP Rev:A 09-01-12 rev.A as per dwg DD verified by:ec
IPP Rev:B 09-04-15 rev.b as per dwg DD verified by:EC IPP Rev:C
10.08.04 p/n chg per ECN10-568 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
93695K58		Purchased	No			110	f	0.0000	1	50			
93695K58									**	<u>50</u>			
WINDOW SEAL													

50 506-05-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

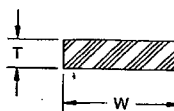
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐	Power Loss/Surge ☐	☐	Positioned Wrong ☐	
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐	Folio/Program ☐	☐	Outside Dimensions ☐	
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐	Grain ☐	☐	Over/Under tolerance ☐	
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐	Weld ☐	☐	Part Incorrect ☐	
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐	Wrong Stock Pulled ☐	☐	Part Lost/Missing ☐	
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐	Out of Sequence ☐	☐	Part Moved ☐	
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐	Off-set ☐	☐	Drawing ☐	
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐	Mislabeled ☐	☐	Finish ☐	
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐	Fit/Function ☐	☐	Misread ☐	
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐	Misaligned/off center ☐	☐	Turning Sequence ☐	
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____							
Misidentified ☐	☐	Past Due ☐	☐								

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 145243 MLS
16-05-05



D3802-X-YYY WINDOW SEAL WHERE YYY REPRESENTS LENGTH

DART P/N	SUPPLIER	SUPPLIER P/N	T' THICKNESS	W' WIDTH
D3802-1-YYY	McMASTER-CARR	93695K58	0.25	1.00

EG: 0.25" X 1.00" X 40" WINDOW SEAL = D3802-1-040
0.25" X 1.00" X 120" WINDOW SEAL = D3802-1-120 $\triangle$

RELEASED
2011-11-25

NOTES:

- 1) MATERIAL: 'PEEL AND STICK' NEOPRENE/EPT/SBR BLEND CLOSED CELL SPONGE, MEDIUM DENSITY
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

D	CORRECTED P/N EXAMPLE FOR CUT LENGTH OF 40"; ADDED EXAMPLE FOR CUT LENGTH OF 120" (ZIN B3-1). REASON: PAR11-100.	MB	11.11.22
C	CHANGE SUPPLIER P/N TO 93695K58 PER FLAMMABILITY TEST RESULTS	MB	10.08.30
B	CHANGE SUPPLIER P/N TO 93695K58 PER FLAMMABILITY TEST RESULTS	MB	08.12.16
A	NEW ISSUE	MB	08.06.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.11.22		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3802 TITLE WINDOW SEAL REV. D SHEET 1 OF 1 SCALE NTS COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32309

Purchase Order Date 5/9/2016

PO Print Date 5/9/2016

Page Number 2 of 3

Order From :
MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 330 995 5500

Ship To Contact
Ship To Phone
Ship Via: Purolator ground ppd
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency USD
FOB FCA - (Free Carrier)

3	93695K58	✓	WINDOW SEAL	5/11/2016	50.00	✓	\$0.31	\$15.40
				Yes	f			
				5/11/2016				

AS PER DWG D3802 REV. D
B145243
C.O.F.C. REQUIRED

50/6-0511

Line Total: \$15.40

4	71400-90		92401A643 CLEVIS WITH PIN	5/11/2016	1.00		\$12.81	\$12.81
				Yes	Each			
				5/11/2016				

Line Total: \$12.81

Deliver To: CHANTAL

Note:

5/9/2016



McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal

Purchase Order
PO32309

Order Placed By
Chantal Lavoie

McMaster-Carr Number
3048515-02

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05/09/2016

Line	Product	Ordered	Shipped
1	9610K17 MIL Spec. Two-Piece Grommet Kit, Trade Size 1, 0.687" OD, 48 Grommets with Teeth Washers	4 Each	4
3	93695K58 Oil-Rst Fire-Retardant Blended Buna-N Foam, 50 ft. Adhesive-Back Strip, 1/4" Thickness, 1" WD	1 Each	1
4	92401A643 316 Stainless Steel Clevis Pin, with Cotter Pin, 1/4" Diameter, 2" L, 1-13/16" Usable L, Packs of 5	1 Pack	1

SP16-05-11